

LOCALITY PLAN

DRAWING INDEX

DRAWING NUMBER	DRAWING DESCRIPTION
C01	DRAWING INDEX AND LOCALITY PLAN
C02	TYPICAL SECTION AND DETAILS
C03	PLAN AND LONGITUDINAL SECTION (206.056 - 373.648)
XS1 - XS3	CROSS SECTIONS

ISSUE	DATE	DESCRIPTION / APPROVED USE	TWV	PD
B	7/2/24	CULVERT SIZE INCREASED	TWV	PD
A	1/2/24	FOR CONSTRUCTION	TWV	PD

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CONSULTING ENGINEERS BUILDING DESIGNERS



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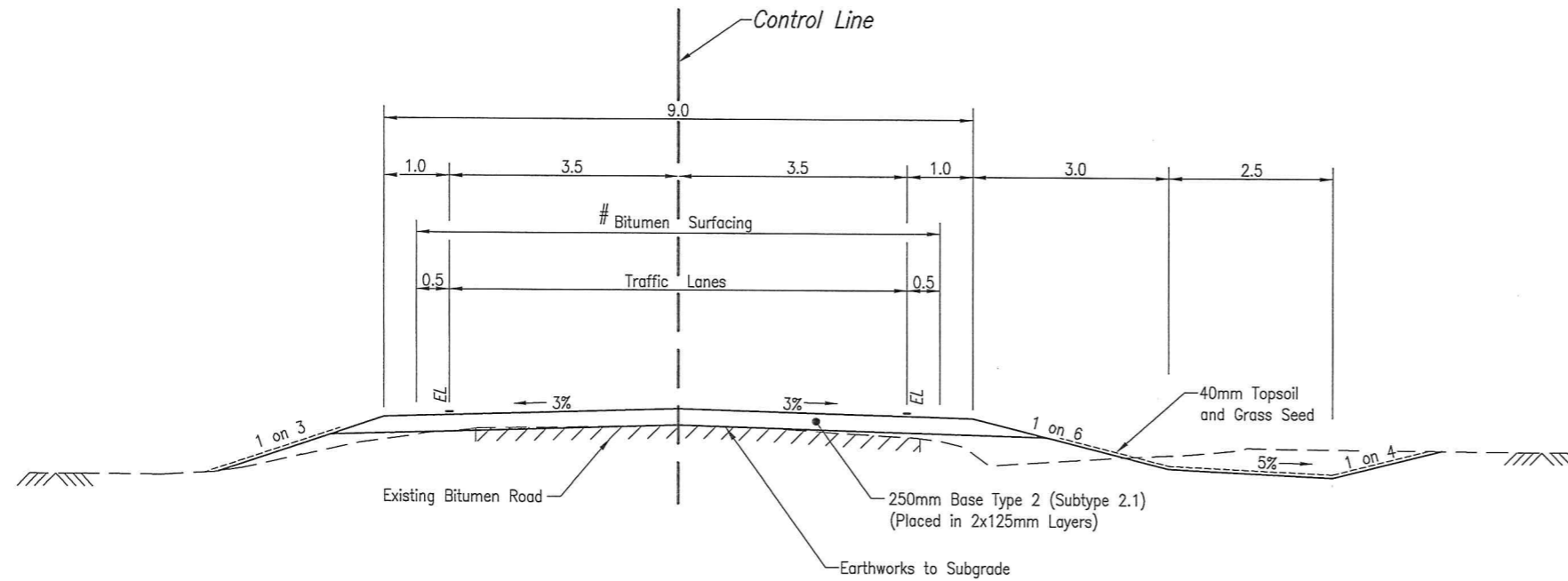
PROJECT  
NORTH HEAD ROAD  
QUEENSLAND CREEK CROSSING

FOR  
ETHERIDGE SHIRE COUNCIL

TITLE  
DRAWING INDEX AND  
LOCALITY PLAN

SCALE (AT FULL SIZE)  
NOT TO SCALE

PROJECT NO. 127-2023 DRAWING NO. C01 B



**A – ROADWAY EXCAVATION & EMBANKMENT**  
206.056 – 373.648

**NOTES**

- All Works to be Constructed in Accordance with Queensland Department of Transport and Main Roads Standard Specifications and Standard Drawings, Unless Noted Otherwise.

- # Seal S20E 1.3 L/m<sup>2</sup> (Traffic Lanes)  
1.6 L/m<sup>2</sup> (Shoulders)
- 10mm Precoated Aggregate (140m<sup>2</sup>/m<sup>3</sup>)
- Primerseal AMC7 S20E 1.6 L/m<sup>2</sup> (Traffic Lanes)  
1.8 L/m<sup>2</sup> (Shoulders)
- 16mm Precoated Aggregate (80m<sup>2</sup>/m<sup>3</sup>)

ISSUE	DATE	DESCRIPTION / APPROVED USE	DRAWN	APP'D
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A	1/2/24	FOR CONSTRUCTION	TWV	PD

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PROJECT  
NORTH HEAD ROAD  
QUEENSLAND CREEK CROSSING

FOR  
ETHERIDGE SHIRE COUNCIL

TITLE  
TYPICAL SECTION  
AND DETAILS

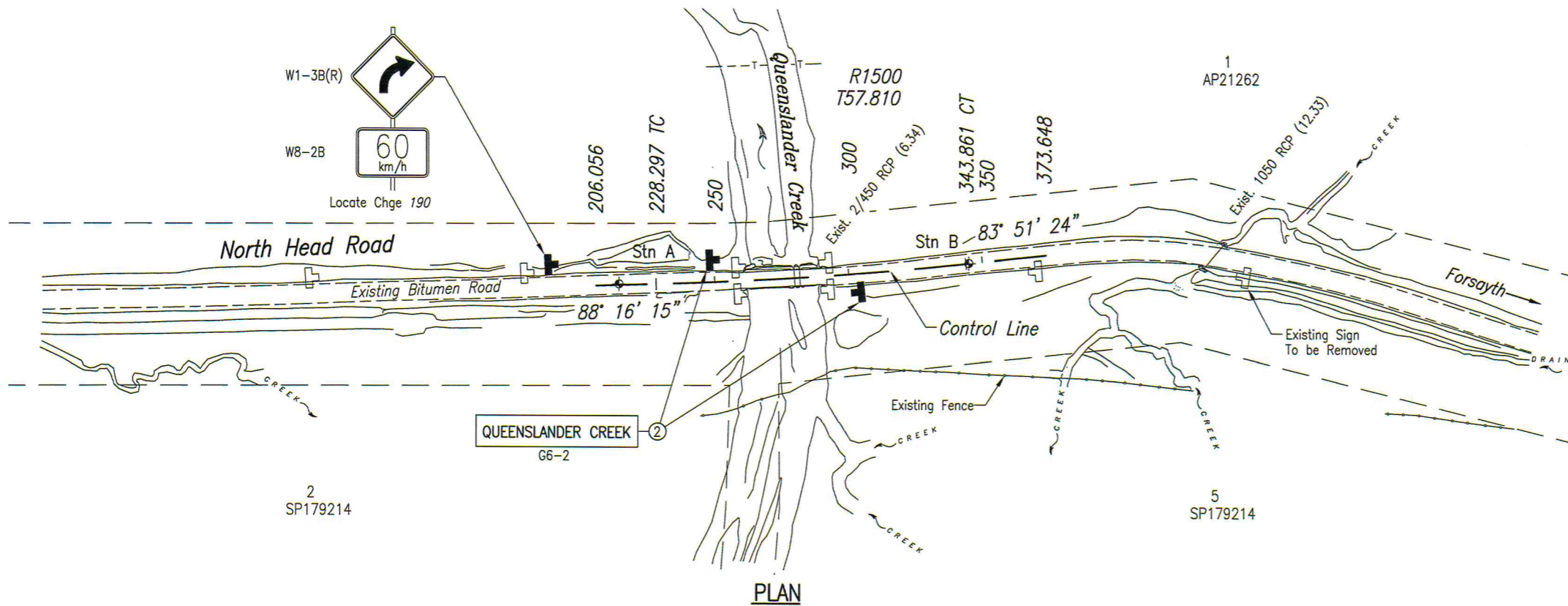
SCALE (AT FULL SIZE)  
NOT TO SCALE

PROJECT NO. 127-2023 DRAWING NO. C02 B

**NOTES**

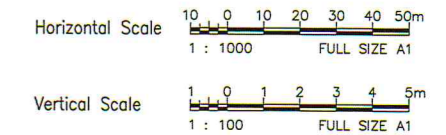
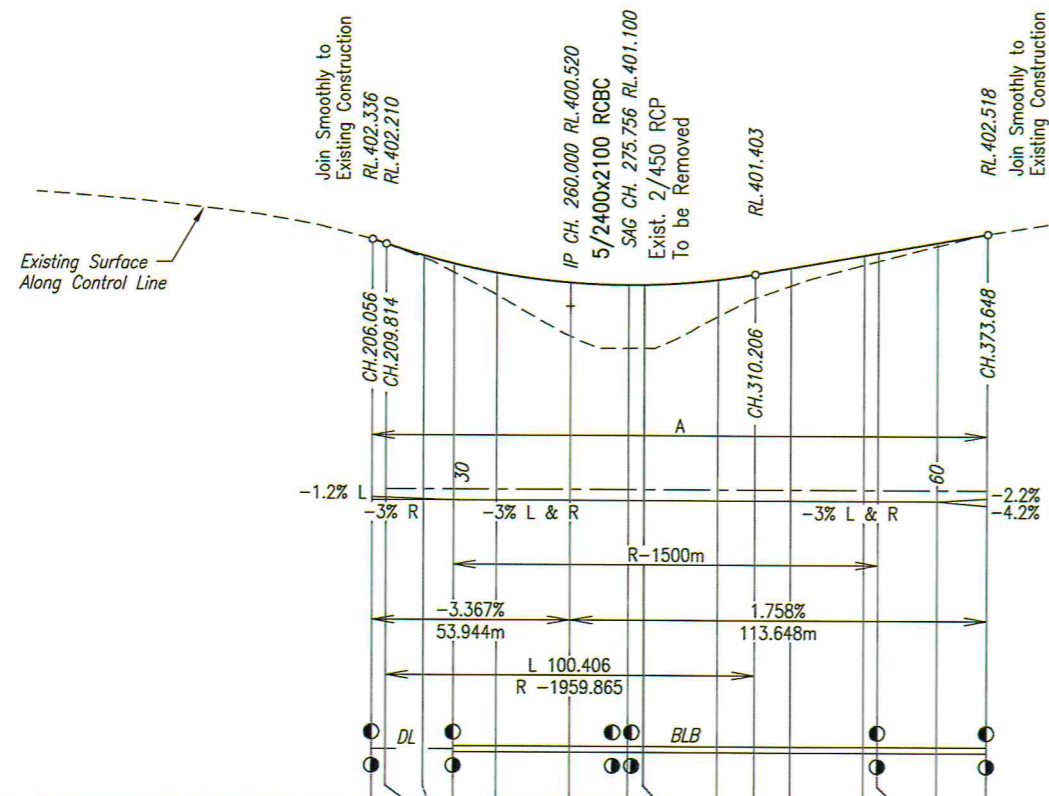
- RC Box Culverts to be Installed in Accordance with Department of Transport and Main Roads Std Drg No's 1043, 1044, 1250, 1270 and 1359.
- Cast In-Situ Cut Off Walls at End of Aprons
- RC Box Culvert to be Perpendicular to Control Line.
- Rock Protection to be 300mm Thick (200mm Nom. Size) with Geotextile Underlay.
- Rock Protection to Extend 1m Around Headwall to Top of Headwall.

CONSULTING ENGINEERS BUILDING DESIGNERS



SURVEY MARKS			
MARK	EASTING	NORTHING	HEIGHT
Stn A	772680.671	7943145.222	402.089
Stn B	772810.788	7943153.312	401.799

CONTROL LINE SETOUT		
CHAINAGE	EASTING	NORTHING
206.056	772672.208	7943144.553
228.297 TC	772694.439	7943145.224
IP R1500	772752.223	7943146.969
343.861 CT	772809.702	7943153.155
373.648	772839.318	7943156.343



ISSUE	DATE	DESCRIPTION / APPROVED USE	TWV	PD
B	7/2/24	CULVERT SIZE INCREASED		
A	1/2/24	FOR CONSTRUCTION		

**NOTES**

- The Location of Services Shown are Given for Guidance Only. Locations May Not be Accurately Represented and Other Services May Exist on Site. It is the Responsibility of the Contractor to Verify the Position of all Services on Site.
- All Signage and Pavement Marking to be in Accordance with the Queensland Department of Transport and Main Roads Manual.
- Signage to be Installed in Accordance with Queensland Department of Transport and Main Standard Drawings.
- Road Edge Guide Posts to be Installed in Accordance with Queensland Department of Transport and Main Roads Std Drg No. 1356.
- All Existing Signs Within the Extent of the Works are to be Removed.

**LEGEND**

- Existing Underground Telecommunications Cable
- Existing Sign
- Survey Mark
- DL Dividing Line (Two-Lane Road)
- BLB Barrier Line (Both Directions)
- Road Edge Guide Post

Pavement Type

Crossfall

Horiz Curve Data

Vertical Geometry Grade (%)  
Vertical Grade Length (m)

Vertical Curve Length (m)  
Vertical Curve Radius (m)

Line Marking & REGP's

DATUM R.L. 387.000

EXISTING SURFACE		402.336	402.203	401.827	401.431	400.821	399.706	399.380	399.383	400.244	400.751	401.091	401.673	401.774	402.192	402.518
CUT / FILL DEPTH		0.000	-0.006	-0.066	-0.243	-0.605	-1.457	-1.720	-1.721	-1.005	-0.652	-0.483	-0.253	-0.220	-0.086	0.000
DESIGN HEIGHT		402.336	402.210	401.883	401.675	401.426	401.163	401.100	401.104	401.250	401.403	401.575	401.926	401.994	402.278	402.518
CHAINAGE		206.056	209.814	220	228.297	240	260	275.756	280	300	310.206	320	340	343.861	360	373.648

**LONGITUDINAL SECTION ALONG CONTROL LINE**

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PROJECT  
NORTH HEAD ROAD  
QUEENSLANDER CREEK CROSSING

FOR  
ETHERIDGE SHIRE COUNCIL

TITLE  
PLAN AND LONGITUDINAL  
SECTION  
(206.056 - 373.648)

SCALE (IF FULL SIZE)  
AS SHOWN

PROJECT NO.  
DRAWING NO.  
127-2023 C03 B

Centreline Data  
 X = 772706.135  
 Y = 7943145.623  
 Z = 401.426  
 Datum 399

DESIGN HEIGHT																					
EXISTING SURFACE																					
DESIGN OFFSET																					

CHAINAGE 240.000

Centreline Data  
 X = 772726.115  
 Y = 7943146.516  
 Z = 401.163  
 Datum 398

DESIGN HEIGHT																					
EXISTING SURFACE																					
DESIGN OFFSET																					

CHAINAGE 260.000

Centreline Data  
 X = 772696.141  
 Y = 7943145.277  
 Z = 401.634  
 Datum 400

DESIGN HEIGHT																					
EXISTING SURFACE																					
DESIGN OFFSET																					

CHAINAGE 230.000

Centreline Data  
 X = 772716.127  
 Y = 7943146.036  
 Z = 401.269  
 Datum 399

DESIGN HEIGHT																					
EXISTING SURFACE																					
DESIGN OFFSET																					

CHAINAGE 250.000

Centreline Data  
 X = 772686.146  
 Y = 7943144.974  
 Z = 401.893  
 Datum 400

DESIGN HEIGHT																					
EXISTING SURFACE																					
DESIGN OFFSET																					

CHAINAGE 220.000

Centreline Data  
 X = 772676.15  
 Y = 7943144.672  
 Z = 402.203  
 Datum 400

DESIGN HEIGHT																					
EXISTING SURFACE																					
DESIGN OFFSET																					

CHAINAGE 210.000

Centreline Data  
 X = 772672.208  
 Y = 7943144.553  
 Z = 402.336  
 Datum 401

DESIGN HEIGHT																					
EXISTING SURFACE																					
DESIGN OFFSET																					

CHAINAGE 206.056



ISSUE	DATE	DESCRIPTION / APPROVED USE	DRAWN	APP'D
B	7/2/24	CULVERT SIZE INCREASED	TWV	PD
A	1/2/24	FOR CONSTRUCTION	TWV	PD

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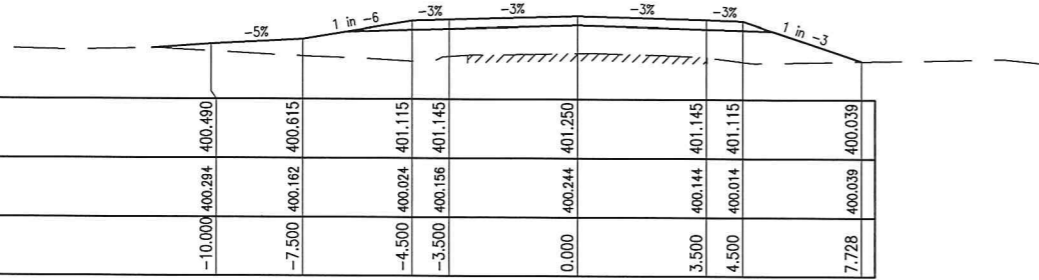
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PROJECT  
 NORTH HEAD ROAD  
 QUEENSLANDER CREEK CROSSING

FOR  
 ETHERIDGE SHIRE COUNCIL

TITLE  
 CROSS SECTIONS  
 (206.056 - 260)

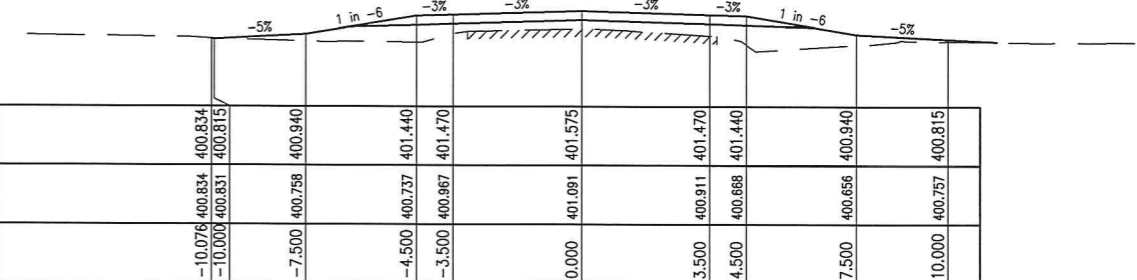
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 X = 772766.03  
 Y = 7943149.1  
 Z = 401.25  
 Datum 399



DESIGN HEIGHT		400.490	400.615	401.115	401.145	401.250	401.145	401.115	400.039
EXISTING SURFACE		400.284	400.162	400.024	400.156	400.244	400.144	400.014	400.039
DESIGN OFFSET		-10.000	-7.500	-4.500	-3.500	0.000	3.500	4.500	7.728

CHAINAGE 300.000

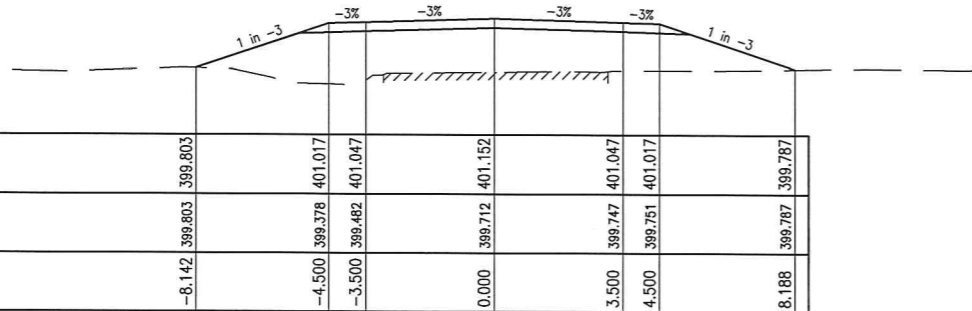
Centreline Data  
 X = 772785.958  
 Y = 7943150.79  
 Z = 401.575  
 Datum 399



DESIGN HEIGHT		400.834	400.940	401.440	401.470	401.575	401.470	401.440	400.815
EXISTING SURFACE		400.834	400.758	400.737	400.967	401.081	400.911	400.688	400.757
DESIGN OFFSET		-10.076	-7.500	-4.500	-3.500	0.000	3.500	4.500	10.000

CHAINAGE 320.000

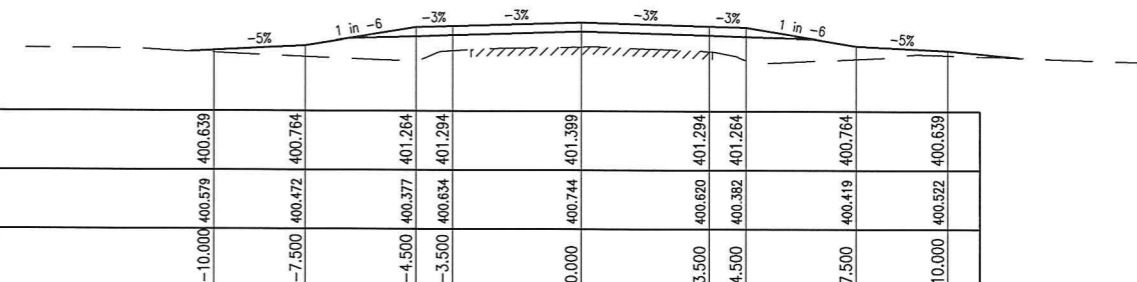
Centreline Data  
 X = 772756.058  
 Y = 7943148.354  
 Z = 401.152  
 Datum 398



DESIGN HEIGHT		399.803	401.017	401.047	401.152	401.047	401.017	399.787
EXISTING SURFACE		399.803	399.378	399.482	399.712	399.747	399.781	399.787
DESIGN OFFSET		-8.142	-4.500	-3.500	0.000	3.500	4.500	8.188

CHAINAGE 290.000

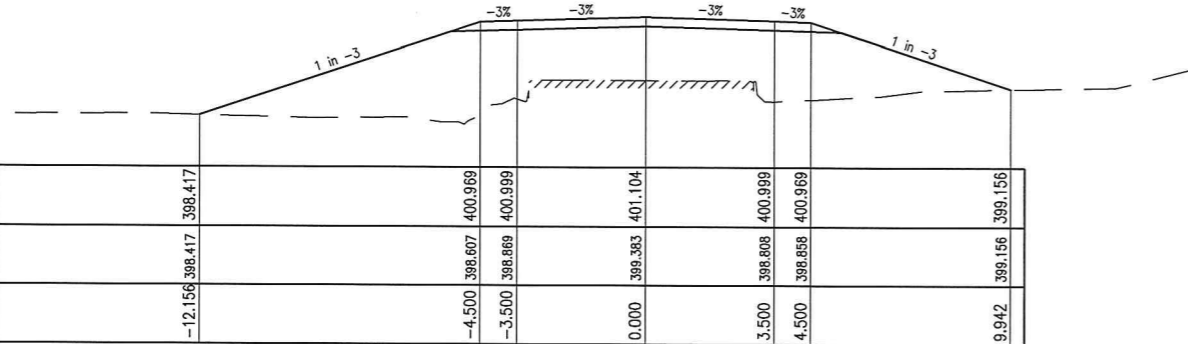
Centreline Data  
 X = 772775.997  
 Y = 7943149.912  
 Z = 401.399  
 Datum 399



DESIGN HEIGHT		400.639	400.764	401.264	401.294	401.399	401.294	401.264	400.639
EXISTING SURFACE		400.579	400.472	400.377	400.634	400.744	400.620	400.392	400.522
DESIGN OFFSET		-10.000	-7.500	-4.500	-3.500	0.000	3.500	4.500	10.000

CHAINAGE 310.000

Centreline Data  
 X = 772746.081  
 Y = 7943147.675  
 Z = 401.104  
 Datum 397

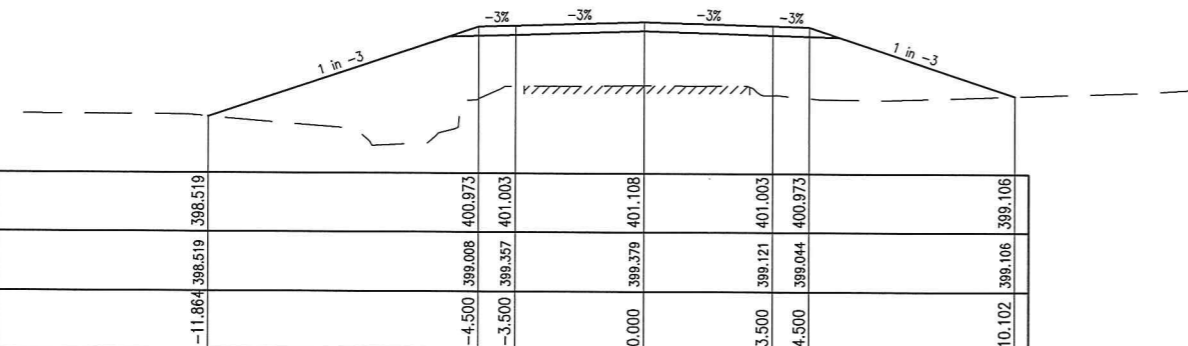


DESIGN HEIGHT		398.417	400.969	400.999	401.104	400.999	400.969	399.156
EXISTING SURFACE		398.417	398.607	398.969	399.383	399.608	399.658	399.156
DESIGN OFFSET		-12.156	-4.500	-3.500	0.000	3.500	4.500	9.942

CHAINAGE 280.000

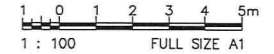
5/2400x2100 RCBC

Centreline Data  
 X = 772736.1  
 Y = 7943147.062  
 Z = 401.108  
 Datum 397



DESIGN HEIGHT		398.519	400.973	401.003	401.108	401.003	400.973	399.106
EXISTING SURFACE		398.519	399.008	399.357	399.379	399.121	399.044	399.106
DESIGN OFFSET		-11.864	-4.500	-3.500	0.000	3.500	4.500	10.102

CHAINAGE 270.000



B	1/2/24	CULVERT SIZE INCREASED	TWV PD
A	1/2/24	FOR CONSTRUCTION	TWV PD
ISSUE	DATE	DESCRIPTION / APPROVED USE	DRAWN/APP'D

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 RPEQ 5412

PROJECT  
 NORTH HEAD ROAD  
 QUEENSLANDER CREEK CROSSING

FOR  
 ETHERIDGE SHIRE COUNCIL

TITLE  
 CROSS SECTIONS  
 (270 - 320)

SCALE (A1 FULL SIZE)  
 1 : 100

PROJECT NO. 127-2023 XS2 B  
 DRAWING NO.

Centreline Data  
 X = 772835.691  
 Y = 7943155.952  
 Z = 402.454

Datum 401

DESIGN HEIGHT											
EXISTING SURFACE											
DESIGN OFFSET											

CHAINAGE 370.000

Centreline Data  
 X = 772839.318  
 Y = 7943156.343  
 Z = 402.518

Datum 401

DESIGN HEIGHT											
EXISTING SURFACE											
DESIGN OFFSET											

CHAINAGE 373.648

Centreline Data  
 X = 772825.748  
 Y = 7943154.882  
 Z = 402.278

Datum 400

DESIGN HEIGHT											
EXISTING SURFACE											
DESIGN OFFSET											

CHAINAGE 360.000

Centreline Data  
 X = 772815.806  
 Y = 7943153.812  
 Z = 402.102

Datum 400

DESIGN HEIGHT											
EXISTING SURFACE											
DESIGN OFFSET											

CHAINAGE 350.000

Centreline Data  
 X = 772805.862  
 Y = 7943152.747  
 Z = 401.926

Datum 400

DESIGN HEIGHT											
EXISTING SURFACE											
DESIGN OFFSET											

CHAINAGE 340.000

Centreline Data  
 X = 772795.914  
 Y = 7943151.736  
 Z = 401.751

Datum 400

DESIGN HEIGHT											
EXISTING SURFACE											
DESIGN OFFSET											

CHAINAGE 330.000



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 QUEENSLANDER CREEK CROSSING

FOR  
 ETHERIDGE SHIRE COUNCIL

TITLE  
 CROSS SECTIONS  
 (330 - 373.648)

SCALE (AT FULL SIZE)  
 1 : 100

PROJECT NO.  
 127-2023

DRAWING NO.  
 XS3 B

CONSULTING ENGINEERS BUILDING DESIGNERS